

Requirements for Gravel Backfill Approval

Pavement backfill material shall be MASSDOT M1.03.1 Processed Gravel for sub-base. The Gravel material, whether delivered to the site or selected from the spoils, must pass a three (3) inch square mesh sieve and shall not contain frozen material.

<u>Sieve Designation</u>	<u>Percent Passing</u>
3"	100
1 1/2"	70-100
3/4"	50-85
#4	30-60
#200	0-10

Not more than 50% of the gravel material may be comprised of recycled material. Not more than 5% of the material may be recycled asphalt (RAP).

Gravel material shall be free of: glass, brick, loam, roots, wood or any other deleterious material.

Cement concrete within the gravel shall have less than twelve percent (12%) loss volume by weight after five (5) cycles of magnesium sulfate soundness testing.

The coarse aggregate shall have a percentage of wear, by LA Abrasion Test, of not more than 50.

All gravel must be sampled and tested for gradation and recycled material content by the City of Boston's designee annually. Additional testing will be conducted at the City's discretion in order to ensure material compliance.

The summary provided here is for reference only. In the instance of discrepancies between this information and the Boston Public Works Department's Rules and Specifications the later shall supersede.